



STATE OF IDAHO  
DIVISION OF  
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 373-0502

Philip E. Batt, Governor

September 25, 1998

**CERTIFIED MAIL #P 102 109 639**

Jim Jaderholm  
Woodgrain Millwork, Incorporated  
1201 West Karcher Road  
Nampa, Idaho 83652

RE: Woodgrain Millwork, Incorporated (Nampa) - #9512-148-2 A  
Modification to Tier II Operating Permit (#027-00060)

Dear Mr. Jaderholm:

The Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) received a request to modify Tier II Operating Permit #027-00060, on December 5, 1997. The application was declared complete on September 11, 1998.

Based on review of your application, and state and federal rules and regulations, DEQ finds this project meets the provisions of IDAPA 16.01.01.400 (Rules for the Control of Air Pollution in Idaho). Therefore, enclosed is your Tier II OP (#027-00060) for the emission sources that exist at the facility. The amended permit supersedes the permit that was originally issued on December 27, 1996.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street - 10th Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Susan Richards, Bureau Chief, Air Quality Permitting Bureau, Air & Hazardous Waste, at (208) 373-0502.

Sincerely,

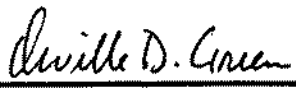
A handwritten signature in cursive script that reads "Orville D. Green".

Orville D. Green  
Assistant Administrator  
Air & Hazardous Waste

OCG\SR\TRL\jrf...woodgrain\wgrain-m.COV

Enclosure

cc: S. West, Boise Regional Office  
Source File  
COF

<b>STATE OF IDAHO</b>  <b>AIR POLLUTION</b> <b>OPERATING PERMIT</b>  <b>GENERAL INFORMATION</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3" style="text-align: center;"><b>PERMIT NUMBER</b></td> </tr> <tr> <td style="text-align: center;">0 2 7</td> <td style="text-align: center;">-</td> <td style="text-align: center;">0 0 0 6 0</td> </tr> <tr> <td style="text-align: center;"><b>AQCR</b></td> <td style="text-align: center;"><b>CLASS</b></td> <td style="text-align: center;"><b>SIC</b></td> </tr> <tr> <td style="text-align: center;">0 6 4</td> <td style="text-align: center;">A 2</td> <td style="text-align: center;">2 4 3 1</td> </tr> <tr> <td style="text-align: center;"><b>ZONE</b></td> <td colspan="2" style="text-align: center;"><b>UTM COORDINATE (km)</b></td> </tr> <tr> <td style="text-align: center;">1 1</td> <td style="text-align: center;">5 3 2 . 9</td> <td style="text-align: center;">4 8 2 7 . 8</td> </tr> </table>	<b>PERMIT NUMBER</b>			0 2 7	-	0 0 0 6 0	<b>AQCR</b>	<b>CLASS</b>	<b>SIC</b>	0 6 4	A 2	2 4 3 1	<b>ZONE</b>	<b>UTM COORDINATE (km)</b>		1 1	5 3 2 . 9	4 8 2 7 . 8
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<b>1. PERMITTEE</b> Woodgrain Millwork, Incorporated																			
<b>2. PROJECT</b> Tier II Operating Permit																			
<b>3. MAILING ADDRESS</b> 1201 West Karcher Road	<b>TELEPHONE #</b> (208) 452-3801, x625	<b>COUNTY</b> Canyon																	
<b>4. CITY</b> Nampa	<b>STATE</b> Idaho	<b>ZIP CODE</b> 83652																	
<b>5. PERSON TO CONTACT</b> Jim Jaderholm	<b>TITLE</b> Safety/Industrial Engineer																		
<b>6. EXACT PLANT LOCATION</b> Portion of NE 1/4 of NE 1/4 Section 17, T-3-N, R-2-W Boise Meridian																			
<b>7. GENERAL NATURE OF BUSINESS &amp; KINDS OF PRODUCTS</b> Door Manufacturing																			
<b>8. PERMIT AUTHORITY</b>  <p>This permit is issued according to the <b>Rules for the Control of Air Pollution in Idaho</b>, Section 16.01.01.400 and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be operated by this permit.</p> <p>THIS PERMIT HAS BEEN GRANTED ON THE BASIS OF DESIGN INFORMATION PRESENTED IN THE APPLICATION AND DEQ'S TECHNICAL ANALYSIS OF THE SUPPLIED INFORMATION. CHANGES IN DESIGN OR EQUIPMENT, THAT RESULT IN ANY CHANGE IN THE NATURE OR AMOUNT OF EMISSIONS, MAY BE A MODIFICATION. MODIFICATIONS ARE SUBJECT TO DEPARTMENT REVIEW IN ACCORDANCE WITH Section 16.01.01.200 OF THE <b>Rules for the Control of Air Pollution in Idaho</b>.</p>																			
		<b>ISSUED DATE</b> <u>SEPTEMBER 25, 1998</u>																	
<b>ASSISTANT ADMINISTRATOR</b>  <b>DIVISION OF ENVIRONMENTAL QUALITY</b>		<b>EXPIRATION DATE</b> <u>DECEMBER 27, 2001</u>																	

**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 7 Cyclone

**1. EMISSIONS LIMITS**
**1.1 System 7 Cyclone Emissions Limits**

Emissions of particulate matter with an aerodynamic diameter of ten (10) microns or less (PM<sub>10</sub>), from System 7 Cyclone shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

**1.2 System 7 Cyclone Emissions Opacity Limits**

Visible emissions from System 7 Cyclone shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Cyclone Operation**

System 7 Cyclone shall be operating at all times when any particulate emission unit served by System 7 Cyclone is in operation.

**2.2 Control Requirement**

System 7 Cyclone shall have a body diameter of 8 ft, and be equipped with a fifty horse power (50 hp) blower and a sixty inch (60 in.) fan, or be a cyclone guaranteed by the manufacturer to have a control efficiency greater than or equal to 97.48%, as used in the technical analysis of this permit.

**2.3 Static Pressure**

The total static pressure across System 7 Cyclone blower shall not be less than ten (10) inches of water. If System 7 Cyclone is replaced, the total static pressure shall be maintained in accordance with the manufacturer's specifications.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The total static pressure across the System 7 Cyclone blower shall be monitored once per calendar quarter. If the total static pressure remains constant for four (4) consecutive calendar quarters, the Permittee shall monitor the total static pressure across the System 7 Cyclone blower once per calendar year. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 7 Cyclone once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE:	SEPTEMBER 25, 1998
EXPIRATION DATE:	DECEMBER 27, 2001

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**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 4 Cyclone

**1. EMISSIONS LIMITS**
**1.1 System 4 Cyclone Emissions Limits**

Emissions of PM<sub>10</sub> from System 4 Cyclone shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

**1.2 System 4 Cyclone Emissions Opacity Limits**

Visible emissions from System 4 Cyclone shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Cyclone Operation**

System 4 Cyclone shall be operating at all times when any particulate emission unit served by System 4 Cyclone is in operation.

**2.2 Control Requirement**

System 4 Cyclone shall have a body diameter of 6.8 ft, and be equipped with a sixty horse power (60 hp) blower and a fifty five inch (55 in.) fan, or be a cyclone guaranteed by the manufacturer to have a control efficiency greater than or equal to 96.66%, as used in the technical analysis of this permit.

**2.3 Static Pressure**

The total static pressure across System 4 Cyclone blower shall not be less than seventeen (17) inches of water. If System 4 Cyclone is replaced, the total static pressure shall be maintained in accordance with the manufacturer's specifications.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The total static pressure across the System 4 Cyclone blower shall be monitored once per calendar quarter. If the total static pressure remains constant for four (4) consecutive calendar quarters, the Permittee shall monitor the total static pressure across the System 4 Cyclone blower once per calendar year. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 4 Cyclone once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE:	SEPTEMBER 25, 1998
EXPIRATION DATE:	DECEMBER 27, 2001

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**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 6 Cyclone

**1. EMISSIONS LIMITS**
**1.1 System 6 Cyclone Emissions Limits**

Emissions of PM<sub>10</sub> from System 6 Cyclone shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

**1.2 System 6 Cyclone Emissions Opacity Limits**

Visible emissions from System 6 Cyclone shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Cyclone Operation**

System 6 Cyclone shall be operating at all times when System 7 Cyclone is in operation.

**2.2 Control Requirement**

System 6 Cyclone shall have a body diameter of 10.5 ft, and be equipped with a fifty horse power (50 hp) blower and a sixty inch (60 in.) fan, or be a cyclone guaranteed by the manufacturer to have a control efficiency greater than or equal to 96.88%, as used in the technical analysis of this permit.

**2.3 Static Pressure**

The total static pressure across System 6 Cyclone blower shall not be less than ten (10) inches of water. If System 6 Cyclone is replaced, the total static pressure shall be maintained in accordance with the manufacturer's specifications.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The total static pressure across the System 6 Cyclone blower shall be monitored once per calendar quarter. If the total static pressure remains constant for four (4) consecutive calendar quarters, the Permittee shall monitor the total static pressure across the System 6 Cyclone blower once per calendar year. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 6 Cyclone once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE:	SEPTEMBER 25, 1998
EXPIRATION DATE:	DECEMBER 27, 2001

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**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 3 Cyclone

**1. EMISSIONS LIMITS**
**1.1 System 3 Cyclone Emissions Limits**

Emissions of PM<sub>10</sub> from System 3 Cyclone shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

**1.2 System 3 Cyclone Emissions Opacity Limits**

Visible emissions from System 3 Cyclone shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Cyclone Operation**

System 3 Cyclone shall be operating at all times when any particulate emission unit served by System 3 Cyclone is in operation.

**2.2 Control Requirement**

System 3 Cyclone shall have a body diameter of 14 ft, and be equipped with a two hundred horse power (200 hp) blower and a hundred inch (100 in.) fan, or be a cyclone guaranteed by the manufacturer to have a control efficiency greater than or equal to 97.84%, as used in the technical analysis of this permit.

**2.3 Static Pressure**

The total static pressure across System 3 Cyclone blower shall not be less than fifteen (15) inches of water. If System 3 Cyclone is replaced, the total static pressure shall be maintained in accordance with the manufacturer's specifications.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The total static pressure across the System 3 Cyclone blower shall be monitored once per calendar quarter. If the total static pressure remains constant for four (4) consecutive calendar quarters, the Permittee shall monitor the total static pressure across the System 3 Cyclone blower once per calendar year. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 3 Cyclone once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE: SEPTEMBER 25, 1998  
EXPIRATION DATE: DECEMBER 27, 2001

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**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 2 Cyclone

**1. EMISSIONS LIMITS**
**1.1 System 2 Cyclone Emissions Limits**

Emissions of PM<sub>10</sub> from System 2 Cyclone shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

**1.2 System 2 Cyclone Emissions Opacity Limits**

Visible emissions from System 2 Cyclone shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Cyclone Operation**

System 2 Cyclone shall be operating at all times when any particulate emission unit served by System 2 Cyclone is in operation.

**2.2 Control Requirement**

System 2 Cyclone shall have a body diameter of 10 ft, and be equipped with a sixty horse power (60 hp) blower and a sixty inch (60 in.) fan, or be a cyclone guaranteed by the manufacturer to have a control efficiency greater than or equal to 96.00%, as used in the technical analysis of this permit.

**2.3 Static Pressure**

The total static pressure across System 2 Cyclone blower shall not be less than ten (10) inches of water. If System 2 Cyclone is replaced, the total static pressure shall be maintained in accordance with the manufacturer's specifications.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The total static pressure across the System 2 Cyclone blower shall be monitored once per calendar quarter. If the total static pressure remains constant for four (4) consecutive calendar quarters, the Permittee shall monitor the total static pressure across the System 2 Cyclone blower once per calendar year. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 2 Cyclone once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE: SEPTEMBER 25, 1998  
EXPIRATION DATE: DECEMBER 27, 2001

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**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 9 Cyclone

**1. EMISSIONS LIMITS**
**1.1 System 9 Cyclone Emissions Limits**

Emissions of PM<sub>10</sub> from System 9 Cyclone shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

**1.2 System 9 Cyclone Emissions Opacity Limits**

Visible emissions from System 9 Cyclone shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Control Requirement**

System 9 Cyclone shall have a body diameter 6 ft, and shall be equipped with a forty horse power (40 hp) blower and a fifty inch (50 in.) fan, or be a cyclone guaranteed by the manufacturer to have a control efficiency greater than or equal to 97.78%, as used in the technical analysis of this permit.

**2.2 Static Pressure**

The total static pressure across System 9 Cyclone blower shall not be less than twelve (12) inches of water. If System 9 Cyclone is replaced, the total static pressure shall be maintained in accordance with the manufacturer's specifications.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The total static pressure across the System 9 Cyclone blower shall be monitored once per calendar year. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 9 Cyclone once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE: SEPTEMBER 25, 1998  
EXPIRATION DATE: DECEMBER 27, 2001

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**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 5 Baghouse

**1. EMISSIONS LIMITS**
**1.1 System 5 Baghouse Emissions Limits**

1.1.1 Emissions of PM<sub>10</sub> from System 5 Baghouse shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

1.1.2 System 5 Baghouse shall not exceed a grain loading of 0.02 gr/dscf.

**1.2 System 5 Baghouse Emissions Opacity Limits**

Visible emissions from System 5 Baghouse shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Baghouse Operation**

System 5 Baghouse shall be operating at all times when any particulate emission unit served by System 5 Baghouse is in operation.

**2.2 Pressure Drop Across System 5 Baghouse**

The pressure drop across System 5 Baghouse shall be maintained in accordance with manufacturer's specifications. Documentation of the manufacturer's specifications shall remain on-site at all times and shall be made available to DEQ representatives upon request.

**2.3 Installation of Monitoring Equipment**

Within ninety (90) days of the issue date of this permit, the Permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across System 5 Baghouse.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The pressure drop across System 5 Baghouse shall be monitored and recorded on a monthly basis. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 5 Baghouse once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE:	SEPTEMBER 25, 1998
EXPIRATION DATE:	DECEMBER 27, 2001

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**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 8 Baghouse

**1. EMISSIONS LIMITS**
**1.1 System 8 Baghouse Emissions Limits**

1.1.1 Emissions of PM<sub>10</sub> from System 8 Baghouse shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

1.1.2 System 8 Baghouse shall not exceed a grain loading of 0.02 gr/dscf.

**1.2 System 8 Baghouse Emissions Opacity Limits**

Visible emissions from System 8 Baghouse shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Baghouse Operation**

System 8 Baghouse shall be operating at all times when any particulate emission unit served by System 8 Baghouse is in operation.

**2.2 Pressure Drop Across System 8 Baghouse**

The pressure drop across System 8 Baghouse shall be maintained in accordance with manufacturer's specifications. Documentation of the manufacturer's specifications shall remain on-site at all times and shall be made available to DEQ representatives upon request.

**2.3 Installation of Monitoring Equipment**

Within ninety (90) days of the issue date of this permit, the Permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across System 8 Baghouse.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The pressure drop across System 8 Baghouse shall be monitored and recorded on a monthly basis. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 8 Baghouse once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE:	SEPTEMBER 25, 1998
EXPIRATION DATE:	DECEMBER 27, 2001

**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

System 1 Baghouse

**1. EMISSIONS LIMITS**
**1.1 System 1 Baghouse Emissions Limits**

1.1.1 Emissions of  $PM_{10}$  from System 1 Baghouse shall not exceed any corresponding emission rate limit, listed in Appendix A of this permit.

1.1.2 System 1 Baghouse shall not exceed a grain loading of 0.02 gr/dscf.

**1.2 System 1 Baghouse Emissions Opacity Limits**

Visible emissions from System 1 Baghouse shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Baghouse Operation**

System 1 Baghouse shall be operating at all times when any particulate emission unit served by System 1 Baghouse is in operation.

**2.2 Pressure Drop Across System 1 Baghouse**

The pressure drop across System 1 Baghouse shall be maintained in accordance with manufacturer's specifications. Documentation of the manufacturer's specifications shall remain on-site at all times and shall be made available to DEQ representatives upon request.

**2.3 Installation of Monitoring Equipment**

Within ninety (90) days of the issue date of this permit, the Permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across System 1 Baghouse.

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

3.1 The pressure drop across System 1 Baghouse shall be monitored and recorded on a monthly basis. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

3.2 A visible emission evaluation shall be performed on the exhaust outlet of System 1 Baghouse once per calendar quarter. Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control". All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE:	SEPTEMBER 25, 1998
EXPIRATION DATE:	DECEMBER 27, 2001

TRL 25, woodgrainmillwork-m, PM1

**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

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Nampa, Idaho

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The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

Veneer Dryers (3)

**1. EMISSIONS LIMITS**
**1.1 Veneer Drying Emissions Limits**

Emissions of PM and PM<sub>10</sub> shall not exceed any corresponding emission rate limit listed in Appendix A of this permit.

**1.2 Veneer Drying Emissions Opacity Limits**

Visible emissions from any veneer dryer shall not exhibit greater than twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required by IDAPA 16.01.01.625 (Rules for the Control of Air Pollution in Idaho). Opacity shall be determined using procedures contained in DEQ's "Procedures Manual for Air Pollution Control".

**2. OPERATING REQUIREMENTS**
**2.1 Veneer Dryers Fuel Type**

Veneer dryers shall be fired by natural gas exclusively.

**2.2 Veneer Drying Process Rate**

The maximum amount of veneer dried shall not exceed the capacity to produce any of the following:

2.2.1 30,000 doors per week

2.2.2 1,560,000 doors per year

**3. MONITORING AND RECORDKEEPING REQUIREMENTS**

The number of finished door units produced which require veneer, shall be monitored and recorded on a weekly basis. All data shall be kept on-site in a log for a period of two (2) years and made available to DEQ representatives upon request.

ISSUED DATE: SEPTEMBER 25, 1998  
EXPIRATION DATE: DECEMBER 27, 2001

TRL 25...woodgrainmillwork-on-PMT

**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

Fugitives

**1. OPERATING REQUIREMENTS**

- 1.1 Fugitive emissions generated from truck loading bins, target boxes, traffic on paved or unpaved roads, or any other sources of fugitive emissions, shall be controlled in accordance with IDAPA 16.01.01.650 (Rules for the Control of Air Pollution in Idaho). Some of the efficient and reasonable controls may include, but shall not be limited to the following:
  - 1.1.1 Use of water or environmentally safe chemicals;
  - 1.1.2 Application of dust suppressants;
  - 1.1.3 Use of control equipment;
  - 1.1.4 Covering of trucks;
  - 1.1.5 Paving roads; and
  - 1.1.6 Prompt removal of earth or other stored material from streets, where practical.

ISSUED DATE:	SEPTEMBER 25, 1998
EXPIRATION DATE:	DECEMBER 27, 2001

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**AIR POLLUTION OPERATING PERMIT  
PERMITTEE, PROJECT, AND LOCATION**

Woodgrain Millwork, Incorporated  
Tier II Operating Permit  
Nampa, Idaho

**PERMIT NUMBER**

0 2 7 - 0 0 0 6 0

The Permittee is hereby allowed to operate the equipment described herein subject to the emission limits and monitoring and reporting requirements specified in this permit.

**SOURCE**

Appendix A

**Appendix A**
**Woodgrain Millwork, Incorporated - Nampa**
**Hourly (lb/hr) and Annual (T/yr) Point Source Emissions Limits\***

Source	PM-10 <sup>b</sup>	
	lb/hr	T/yr
System 7 Cyclone	2.09	9.15
System 4 Cyclone	1.54	6.73
System 6 Cyclone	2.09	9.15
System 3 Cyclone	6.20	27.2
System 2 Cyclone	3.96	17.4
System 1 Baghouse	0.003	0.014
System 9 Cyclone	1.86	8.17
System 5 Baghouse	0.006	0.028
System 8 Baghouse	0.009	0.038
Truck Loadout (2)	1.20	5.26
Veneer Drying (3)	0.039	0.17
<b>Total</b>	<b>19.0</b>	<b>83.2</b>

- a. As determined by a pollutant specific U.S. EPA reference method, Department approved alternative, or as determined by the Department's emission estimation methods used in the permit application analysis.
- b. Particulate matter with an aerodynamic diameter of ten (10) microns or less.

ISSUED DATE: SEPTEMBER 25, 1998  
EXPIRATION DATE: DECEMBER 27, 2001

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## TIER II OPERATING PERMIT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the **Rules for the Control of Air Pollution in Idaho**, and the Environmental Protection and Health Act, Idaho Code 39-101 et. seq.
- B. The Permittee shall at all times (except as provided in the **Rules for the Control of Air Pollution in Idaho**) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable laws for the control of air pollution.
- C. The Permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter upon the Permittee's premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
  - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and to require stack emission testing (i.e., performance tests) in conformance with state approved or accepted EPA procedures when deemed appropriate by the Director.
- D. Except for data determined to be confidential under Section 39-111, Idaho Code, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the appropriate regional office of the Division of Environmental Quality.
- E. Nothing in this permit is intended to relieve or exempt the Permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- F. In the event of any change in control or ownership of source(s) from which the authorized emissions emanate, the Permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Director.
- G. This permit shall be renewable on the expiration date, provided the Permittee submits any and all information necessary for the Director to determine the amount and type of air pollutants emitted from the equipment for which this permit is granted. Failure to submit such information within sixty (60) days after receipt of the Director's request shall cause the permit to be voided.
- H. The Director may require the Permittee to develop a list of Operation and Maintenance Procedures which must be approved by DEQ. Such list of procedures shall become a part of this permit by reference, and the Permittee shall adhere to all of the operation and maintenance procedures contained therein.
- I. Performance tests (i.e.; air emission source tests) conducted pursuant to testing requirements in this permit must be conducted in accordance with DEQ's **Procedures Manual for Air Pollution Control**. Such testing shall not be conducted on weekends or state holidays unless the Permittee obtains prior DEQ approval.

The Permittee shall submit a test protocol and a proposed test date for each performance test required by this permit to DEQ for approval at least thirty (30) days prior to each respective test date (including each test date for periodic tests such as, for example, annual tests). The Permittee shall promptly notify DEQ of any change in the proposed test date and shall provide at least five (5) working days advanced notice prior to conducting any rescheduled test, unless DEQ approves a shorter notice period.

Within forty-five (45) days of the date on which a performance test required by this permit is concluded, the Permittee shall submit to DEQ a performance test report for the respective test. The performance test report shall include any and all process operating data required to be recorded during the test period as well as the test results, raw test data, and associated documentation.

The maximum allowable source operating rate shall be limited to 120% of the average operating rate attained during the most recent performance test conducted pursuant to this permit which demonstrated compliance with the respective pollutant emission limit unless; (1) a more restrictive operating limit is specified elsewhere in this permit or; (2) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.

- J. The provisions of this permit are severable; and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

ISSUED DATE:	SEPTEMBER 25, 1998
EXPIRATION DATE:	DECEMBER 27, 2001

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